

PATENT ABSTRACTS OF JAPAN

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(54) OPTICAL CONNECTOR

(57)Abstract:

PROBLEM TO BE SOLVED: To easily butt connect multifiber optical connector ferrules to each other and to easily attain a smaller size, lower cost and higher density by providing the optical connector with an engaging piece which engageably and disengageably engages with the side part of a plug housing and a detachment button which displaces this engaging piece inward of this plug housing.

SOLUTION: The optical connector ferrule 22 has optical connector plugs 24a, 24b housed in the plug housing 23 and the housing 25 connecting the optical connector plugs 24a, 24b within the inside inserted therewith from both sides. The elastic piece 23c of a shape formed by notching a base end 23b existing in the butt connection direction of the one side wall 23a of the plug housing 23 of the optical connector plug 24a is formed at the one side wall 23a. The elastic piece 23c is projectingly provided with the engaging piece 29 which engageably and disengageably engages with the housing 25 and the detachment button 30 for releasing the engagement of the housing 25 by displacing the engaging piece 29. Then, the engaging piece 29 and the detachment button 30 are connected by the elastic piece 23c.

